

INSTALLATION FOR MAKING A NONWOVEN TEXTILE WEB
AND METHOD FOR USING SUCH AN INSTALLATION

ABSTRACT OF THE DISCLOSURE

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10 An installation for making a spunbound web
comprises at least an extruder for melted organic
polymer feeding a die for producing a curtain of
filaments; a cooling zone for providing at least
15 surface solidification of the extruded filaments; a
suction device in the form of a narrow chamber with a
rectangular cross-section, wherein the curtain of
filaments is subject to the action of high speed air
streams causing the filaments to be drawn; a
20 distributing device for deflection and slowing down
the air flow at the outlet of the drawing slot and for
distributing the filaments homogeneously on a
receiving belt. The installation provides the
different operational phases, namely the extruder, the
25 cooling, the filament drawing assembly and the
distributing device, are separate from one another and
can be individually adjusted, not only based on the
production to be obtained (type of polymers,
elementary yarn count of filaments produced, weight
per unit area of the web produced), but also at the
beginning of production.